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JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 61000017 A

(43) Date of publication of application: 06.01.1986

(51) Int. Cl. A61K 31/725
// C08B 37/00

(21) Application number: 59118283
(22) Date of filing: 11.06.1984

(71) Applicant: SEIKAGAKU KOGYO CO LTD
(72) Inventor: SAKURAI KATSUKIYO
HORIE KATSUYUKI
SAKAMOTO TAKASHI
OKUYAMA TAKASHI

(54) MUCOPOLYSACCHARIDE-TYPE CANCER-METASTASIS SUPPRESSING AGENT

(57) Abstract:

PURPOSE: To provide the titled suppressing agent containing hyaluronic acid (HA) or crosslinked HA, absolutely free from side effects such as myelotic disorder, cardiotoxicity, alopecia, etc. and expected to have excellent effect to highly metastatic malignant tumor.

CONSTITUTION: HA obtained from funis, crest, vitreous body, etc. and having a molecular weight of several thousands W several millions (preferably having

an intrinsic viscosity of 0.2W30, i.e. molecular weight of 4,000W2,000,000), or a crosslinked HA obtained by crosslinking HA or its salt with a polyfunctional epoxy compound and having a crosslinking number of ≥ 5 per 1,000 recurring disaccharide units composed of glucuronic acid of HA and N-acetylglucosamine, or its salt, is used as an active component of the present agent. The suppressing agent actively synthesizes proteoglycan, and suppresses the metastasis of various malignant tumor existing at the surface of cells. It is expected to be effective against malignant melanoma, fibrosarcoma, etc.

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